

# Coos Soil and Water Conservation District



# Our Goals:

- **To promote the wise use of renewable resources through education and locally led, voluntary conservation.**
- **Conserve, protect and develop natural resources for the economic benefit of the people of Coos County.**
- **Encourage measures for the protection of waters of Coos County.**
- **Assist local landowners in the developing and utilizing of their resources to reduce soil erosion, conserve and improve water quality, maximize crop and forage production, improve fisheries habitat, and to support the economy of Coos County.**

# *What we do:*

- Community Outreach and Education
  - Workshops, Trainings, Demonstrations, Tours
- Technical Assistance
  - Free consultations, Conservation Planning, Project Planning & Development, Grant Writing for funding to implement projects
- Monitoring
  - Water Quality, Stream Temperature, Project Effectiveness



# *3 Key Areas of Focus for the 2019-2021 Biennium*

- Winter Lake Phase III
- Tidegate Stakeholder Engagement
- Myrtle Point Drinking Source Water Protection

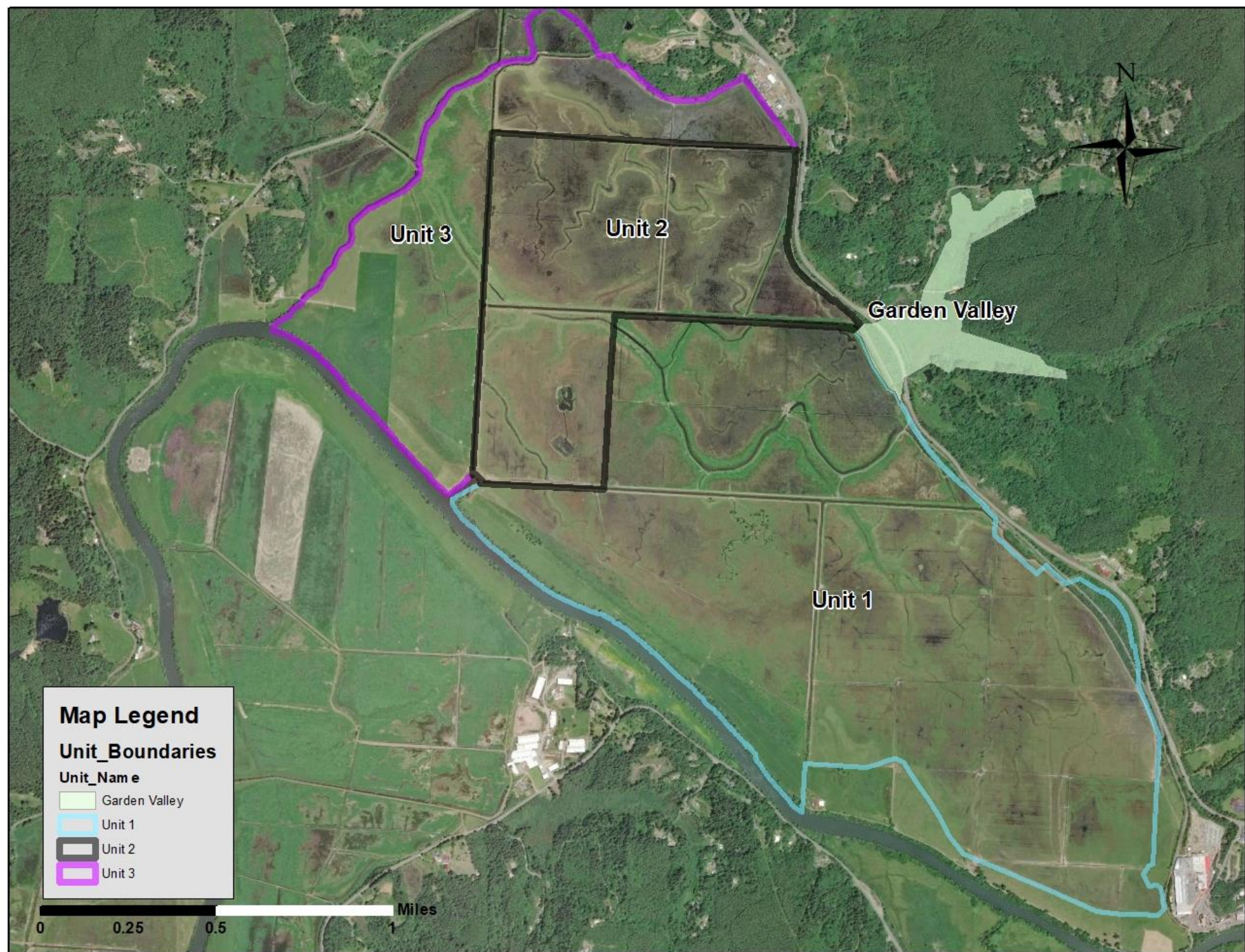


An aerial photograph of a valley. In the foreground, there are dense evergreen forests. The middle ground features a large, flat, green field, possibly a meadow or agricultural land, with a small stream or river winding through it. In the background, there are rolling hills and mountains under a clear sky. The text "Winter Lake Phase III" is overlaid in large white letters, and "Water Quality & Quantity & Overwinter Habitat" is overlaid in smaller white letters below it.

# Winter Lake Phase III

Water Quality & Quantity & Overwinter Habitat









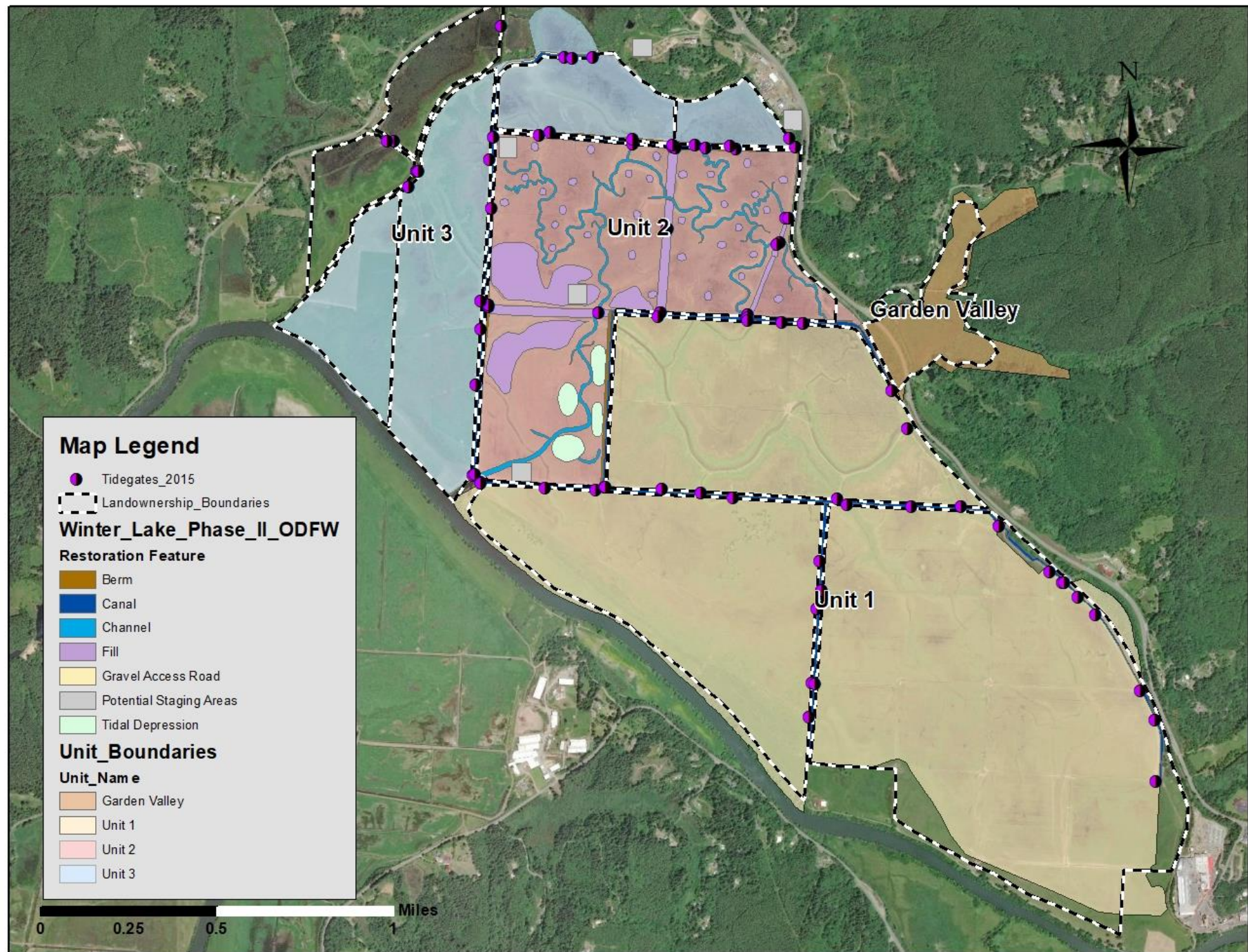




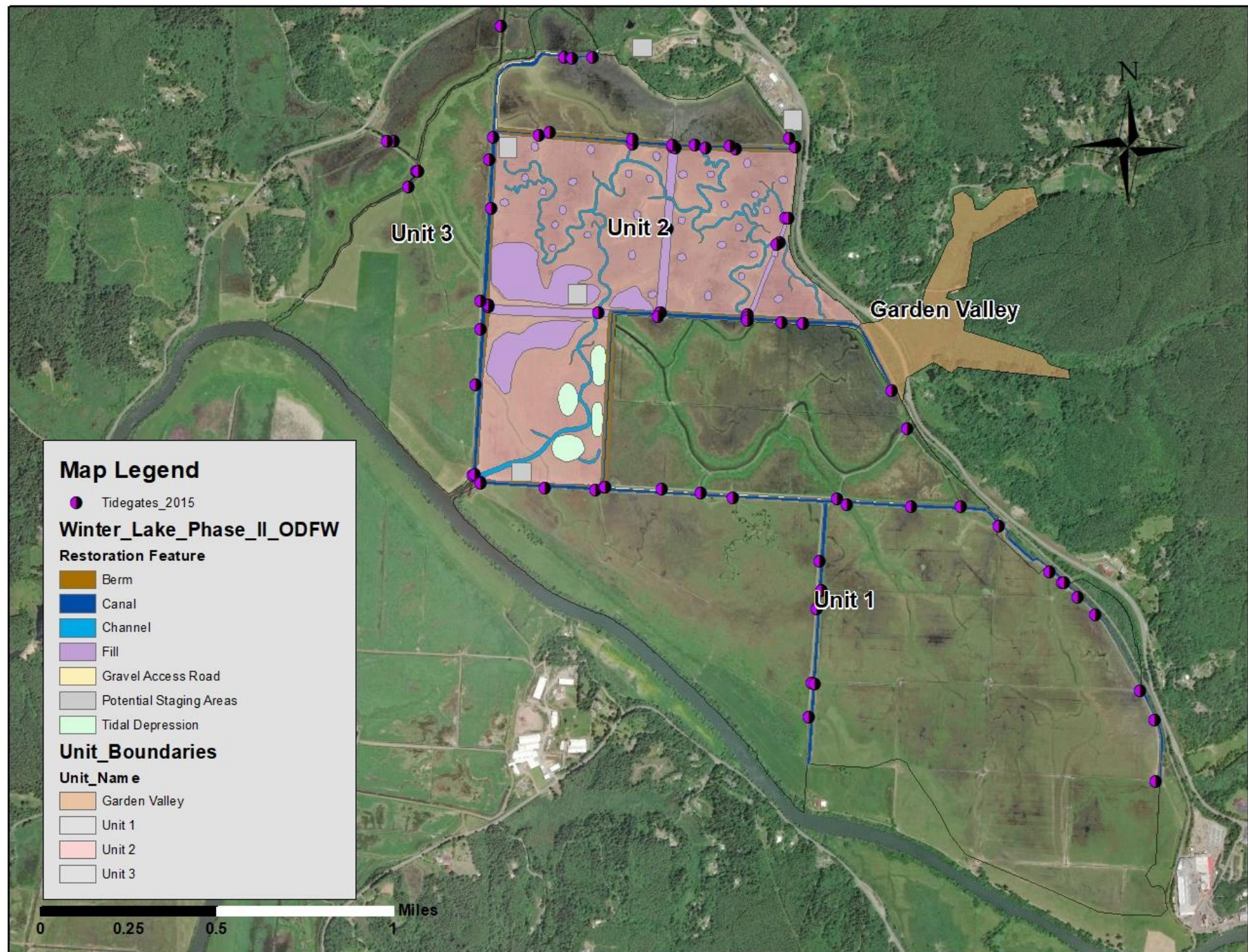




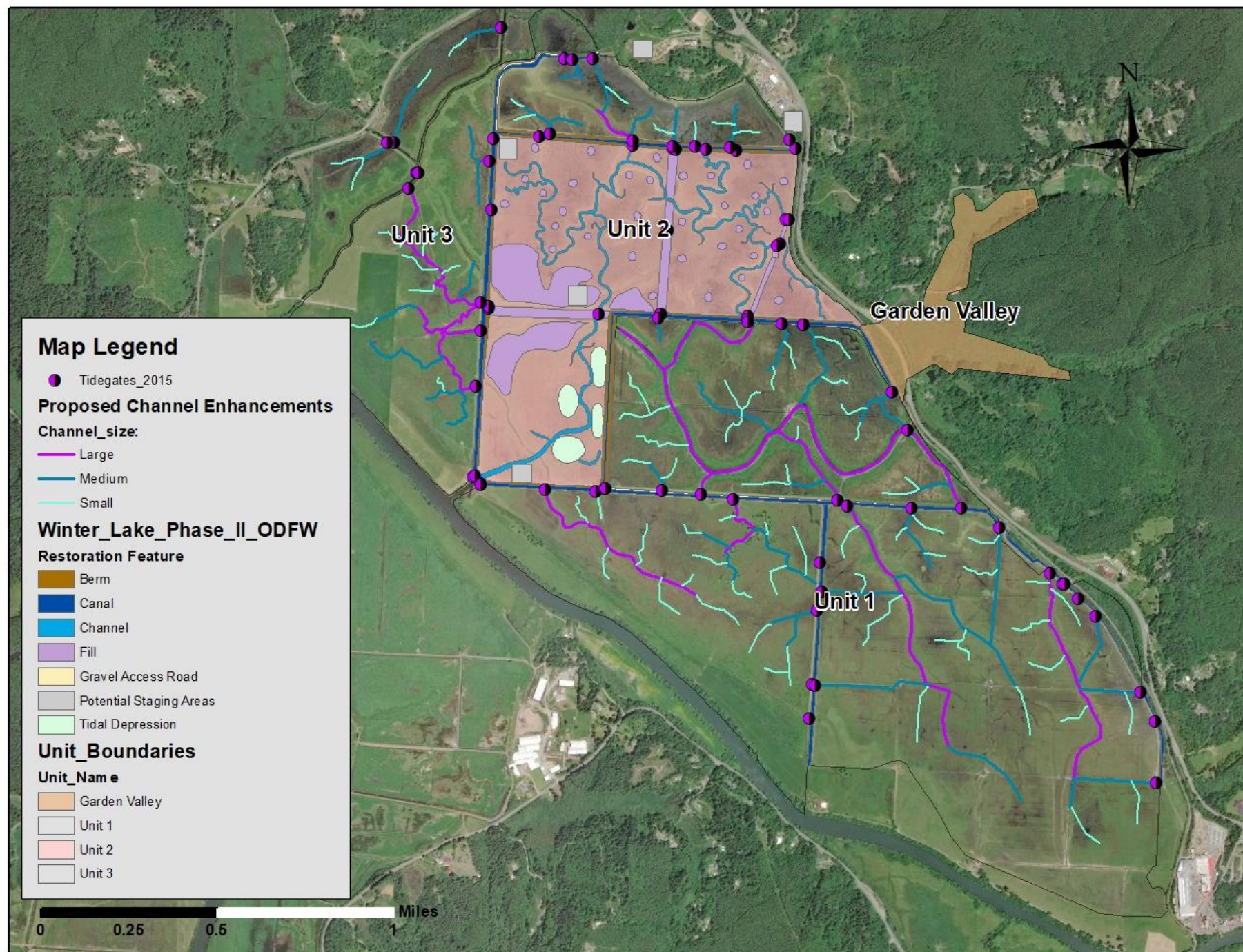


















## Excess and/or Insufficient Water

- Inefficient Delivery of Irrigation Water
- Poor Drainage

## Animal Resources

- Inadequate habitat for Fish and Wildlife (poor fish passage, lack of channel network connectivity)
- Livestock Production Limitation

















- Water Quality
  - Excess nutrients, pathogens (E. coli) from manure in surface water
  - Dissolved Oxygen

















# Summary of Winter Lake Phase III Resource Concerns:

## *PRIMARY CONCERNS*

### **Animal Resources**

- Habitat for Fish and Wildlife
- Livestock Production Limitation

### **Water Resources**

- Excess and/or Insufficient Water
  - Drainage
  - Inefficient Water Management/  
Delivery of Irrigation Water
- Water Quality
  - Excess nutrients, pathogens (E. coli)  
from manure in surface water
  - Exchange/Water movement

## *SECONDARY CONCERNS*

### **Plant Resources**

- Plant productivity and health

### **Soil Resources**

- Soil Erosion
  - Bank Erosion on Water Conveyance  
Channels
- Soil Quality Degradation
  - Compaction